



Approved for use through 07/31/2006, OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Patent Information Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number 10/625,102
Filing Date July 22, 2003
First Named Inventor Pedro M. Buarque de Macedo
Art Unit 3673
Examiner Name Michael Safavi
Attorney Docket Number 50599/11

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	US-	3,674,585	07-04-1972	Windecker	
	US-	3,614,967	10-26-1971	Royston	
	US-	3,848,335	11-19-1074	Bergersen	
	US-	4,283,457	08-11-1981	Kolsky et al.	
	US-	4,990,398	02-05-1991	Fukumoto et al.	
	US-	5,231,811	08-03-1993	Andrepoint et al.	
	US-	6,468,613	10-22-2002	Kitano et al.	
	US-	6,721,684	04-13-2004	Saebi	
	US-	6,207,236	03-27-2001	Araki et al.	
	US-	2005/0019542 A1	01-27-2005	Hojaji et al.	
	US-	2005/0016093 A1	01-27-2005	Buarque de Macedo	
	US-	2004/0079260 A1	04-29-2004	Datta et al.	
	US-	2004/0081827 A1	04-29-2004	Datta et al.	
	US-	2004/0262801 A1	12-30-2004	Hojaji et al.	
	US-	2004/0080063 A1	04-29-2004	Datta et al.	
	US-	4,710,415	12-01-1987	Slosberg et al.	
	US-	6,133,172	10-17-2000	Sevenish et al.	
	US-	3,986,311	10-19-1976	Muhe et al.	
	US-	4,694,622	09-22-1987	Richard	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	* ²
		Country Code* Number* Kind Code* (if known)				
/MS/	WO	2005/007989 A3	1/2005			

Examiner Signature	/Michael Safavi/	Date Considered	7/07
--------------------	------------------	-----------------	------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.